



# **STIC Search Report**

## **Biotech-Chem Library**

**STIC Database Tracking Number 9**

**TO: Robert Mondesi**  
**Location: cm-1/5d169b01**  
**Art Unit: 1653**  
**Friday, June 27, 2003**

**Case Serial Number: 832501**

**From: Toby Port**  
**Location: Biotech-Chem Library**  
**CM1-6A04**  
**Phone: 308-3534**

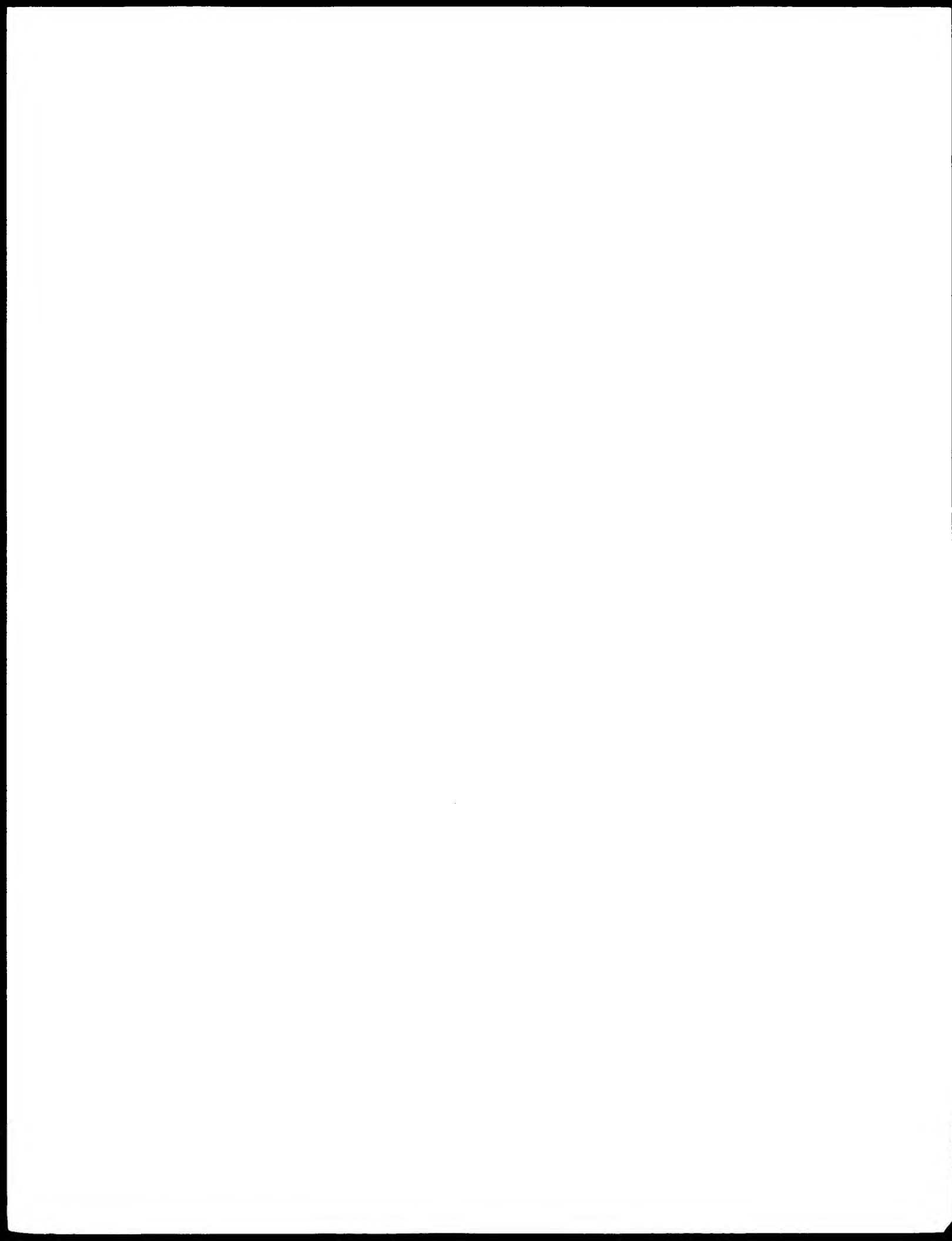
**toby.port@uspto.gov**

### **Search Notes**

Dear Examiner Mondesi,

Here are the results of your search.  
Please feel free to contact me if you have any questions.

Toby Port





# STIC SEARCH RESULTS FEEDBACK FORM

## Biotech-Chem Library

Questions about the scope or the results of the search? Contact *the searcher or contact:*

Mary Hale, Information Branch Supervisor  
308-4258, CM1-1E01

## Voluntary Results Feedback Form

➤ I am an examiner in Workgroup:  Example: 1610

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature  
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/Biotech-Chem Library CM1 – Circ. Desk





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**From:** Mondesi, Robert  
**Sent:** Thursday, June 26, 2003 3:18 PM  
**To:** STIC-Biotech/ChemLib  
**Subject:** sequence search

My Name Robert Mondesi  
ART UNIT is 1653  
Phone # 305-4445  
Room number 5D16  
Examiner number 79912.

please perform a sequence search on SEQ ID NO : 18 of patent number 09832501.

Thank you.









1 Human serum albumin.  
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 XX HSA: bovine ss  
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 XX amino sequence  
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 10 Kc  
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Report generated by:

Report generated by:

Maximum protein search, using SW model

Database: protein search, using SW model

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Accession	Score	E-value	Accession	Score	E-value
1	100.0	1.0	1	100.0	1.0
2	100.0	1.0	2	100.0	1.0
3	100.0	1.0	3	100.0	1.0
4	100.0	1.0	4	100.0	1.0
5	100.0	1.0	5	100.0	1.0
6	100.0	1.0	6	100.0	1.0
7	100.0	1.0	7	100.0	1.0
8	100.0	1.0	8	100.0	1.0
9	100.0	1.0	9	100.0	1.0
10	100.0	1.0	10	100.0	1.0
11	100.0	1.0	11	100.0	1.0
12	100.0	1.0	12	100.0	1.0
13	100.0	1.0	13	100.0	1.0
14	100.0	1.0	14	100.0	1.0
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17	100.0	1.0	17	100.0	1.0
18	100.0	1.0	18	100.0	1.0
19	100.0	1.0	19	100.0	1.0
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22	100.0	1.0	22	100.0	1.0
23	100.0	1.0	23	100.0	1.0
24	100.0	1.0	24	100.0	1.0
25	100.0	1.0	25	100.0	1.0
26	100.0	1.0	26	100.0	1.0
27	100.0	1.0	27	100.0	1.0
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29	100.0	1.0	29	100.0	1.0
30	100.0	1.0	30	100.0	1.0
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32	100.0	1.0	32	100.0	1.0
33	100.0	1.0	33	100.0	1.0
34	100.0	1.0	34	100.0	1.0
35	100.0	1.0	35	100.0	1.0
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37	100.0	1.0	37	100.0	1.0
38	100.0	1.0	38	100.0	1.0
39	100.0	1.0	39	100.0	1.0
40	100.0	1.0	40	100.0	1.0
41	100.0	1.0	41	100.0	1.0
42	100.0	1.0	42	100.0	1.0
43	100.0	1.0	43	100.0	1.0
44	100.0	1.0	44	100.0	1.0
45	100.0	1.0	45	100.0	1.0
46	100.0	1.0	46	100.0	1.0
47	100.0	1.0	47	100.0	1.0

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Database: Postgres 7.4.3  
 Copyright (c) 1994-2003 PostgreSQL, Inc.

db: postgres postgresql using sw model

run: 2003-06-27 17:28:47 Search Time: 26 Seconds  
 (with overhead of 1000000s)  
 970/540 Million cell at 14000/sec

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# RESULTS

Results: New in the number of results predicted by change to have a  
 standard deviation or equal to the square of the length of the  
 and is derived by analysis of the total score distribution.

Result	Score	Match	Length	DB	DB	Location
1	1000	1000	1	ALPHABET	1000	1000
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4	1000	1000	1	ALPHABET	1000	1000
5	1000	1000	1	ALPHABET	1000	1000
6	1000	1000	1	ALPHABET	1000	1000
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10	1000	1000	1	ALPHABET	1000	1000
11	1000	1000	1	ALPHABET	1000	1000
12	1000	1000	1	ALPHABET	1000	1000
13	1000	1000	1	ALPHABET	1000	1000
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16	1000	1000	1	ALPHABET	1000	1000
17	1000	1000	1	ALPHABET	1000	1000
18	1000	1000	1	ALPHABET	1000	1000
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26	1000	1000	1	ALPHABET	1000	1000
27	1000	1000	1	ALPHABET	1000	1000
28	1000	1000	1	ALPHABET	1000	1000
29	1000	1000	1	ALPHABET	1000	1000
30	1000	1000	1	ALPHABET	1000	1000
31	1000	1000	1	ALPHABET	1000	1000
32	1000	1000	1	ALPHABET	1000	1000
33	1000	1000	1	ALPHABET	1000	1000

Result	Score	Match	Length	DB	DB	Location
1	1000	1000	1	ALPHABET	1000	1000
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3	1000	1000	1	ALPHABET	1000	1000
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5	1000	1000	1	ALPHABET	1000	1000
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31	1000	1000	1	ALPHABET	1000	1000
32	1000	1000	1	ALPHABET	1000	1000
33	1000	1000	1	ALPHABET	1000	1000









26 ALB.  
 27 Canis familiaris (dog).  
 28 Enantiomer: Methyl ester of 2,3-dihydro-5-methyl-2H-pyridine-2-thione.  
 29 Mammalian: Enantiomer of 2,3-dihydro-5-methyl-2H-pyridine-2-thione.  
 30 N-100 (9415).  
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15. JUN 2002 (bel. 41c last) animal two updated

16. Serum albumin precursor.

17. ALB

18. Mammalian Molecular Cloning: Laboratory Techniques (2nd ed.)

19. Molecular Cloning: Laboratory Techniques (2nd ed.)

20. Nucleic Acid Res. 17:1047-1049 (1980)

21. Nucleic Acid Res. 17:1047-1049 (1980)

22. Nucleic Acid Res. 17:1047-1049 (1980)

23. Nucleic Acid Res. 17:1047-1049 (1980)

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57. Nucleic Acid Res. 17:1047-1049 (1980)

81 to the cleavage of rat serum albumin.\*  
 82 2. Biochem. 83:165-168(1978).  
 83  
 84 SEQUENCE OF 223-288 AND 572-608.  
 85  
 86 MEDLINE 76260153; PubMed 7561492  
 87  
 88 Isewicz S., Kozak L.  
 89 "The generation of rat serum albumin by cytoplast fusion cleavage of 1  
 90 the amino acid sequences of trout haemoglobins".  
 91 J. Biochem. 75:1183-1196(1976).  
 92  
 93  
 94 SEQUENCE OF 166-174.  
 95  
 96 MEDLINE 87194805; PubMed-2437111  
 97  
 98 MEDLINE 87194805; PubMed-2437111  
 99  
 100 "Structure of a biologically active nonconsensus related peptide  
 101 structure of a biologically active nonconsensus related peptide  
 102 derived from peptides (related albumins)".  
 103 J. Biol. Chem. 262:5968-5974(1987).  
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1 TISSUE SPECIFICITY: PLASMA.

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APPLICATION REPORT: 05/27/2003/10001  
 FILING DATE: 19-10-1999  
 INFORMATION FOR SEQ ID NO: 7:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 604 amino acids  
 TYPE: amino acid  
 STRATEGY: BLAST  
 FUNCTION: Unknown  
 TOPOLOGY: Linear  
 REFERENCE TYPE: Protein  
 OTHER SOURCE NO:  
 ANTI-SERIAL NO:  
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SEQ ID NO: 8  
 LENGTH: 604  
 TYPE: PRT  
 SEQUENCE CHARACTERISTICS:  
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 FUNCTION: Unknown  
 TOPOLOGY: Linear  
 REFERENCE TYPE: Protein  
 OTHER SOURCE NO:  
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